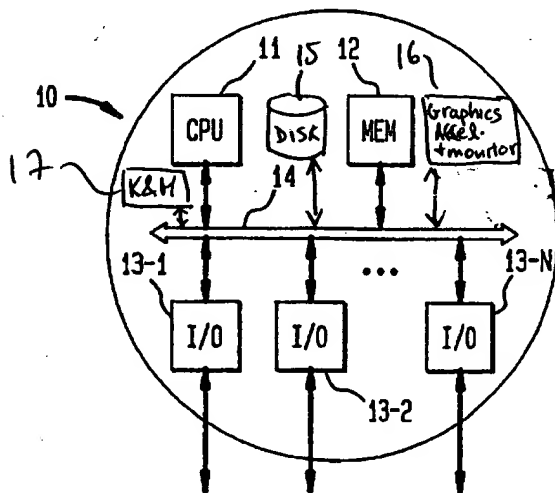
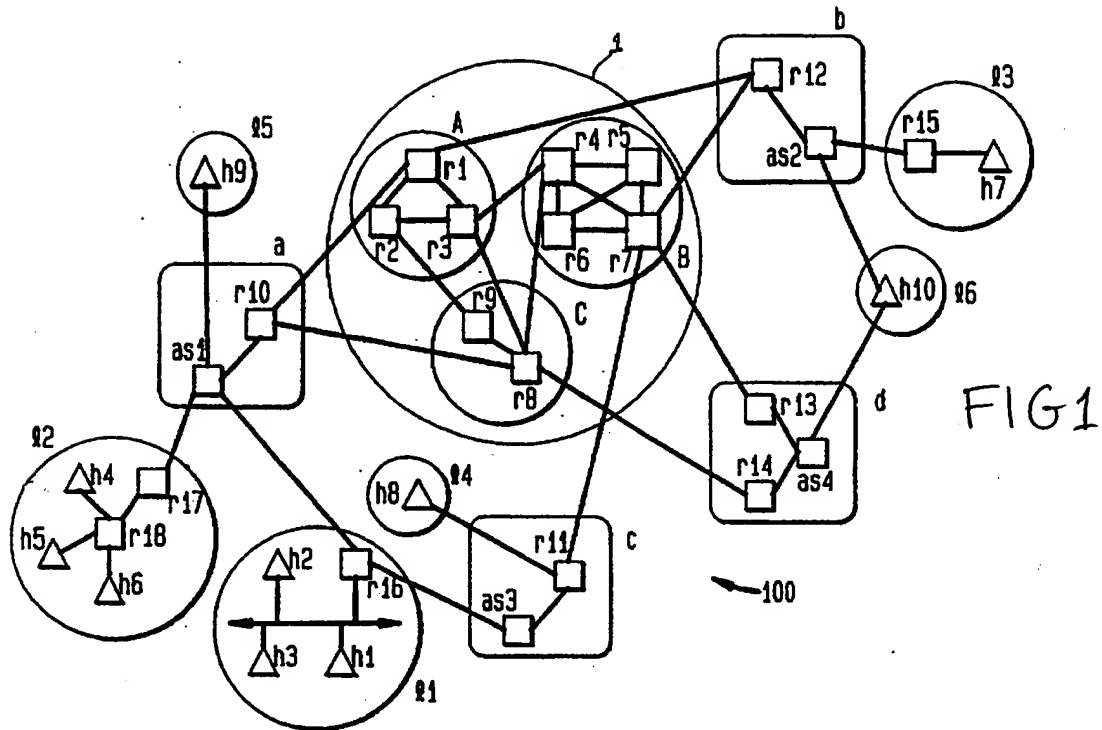
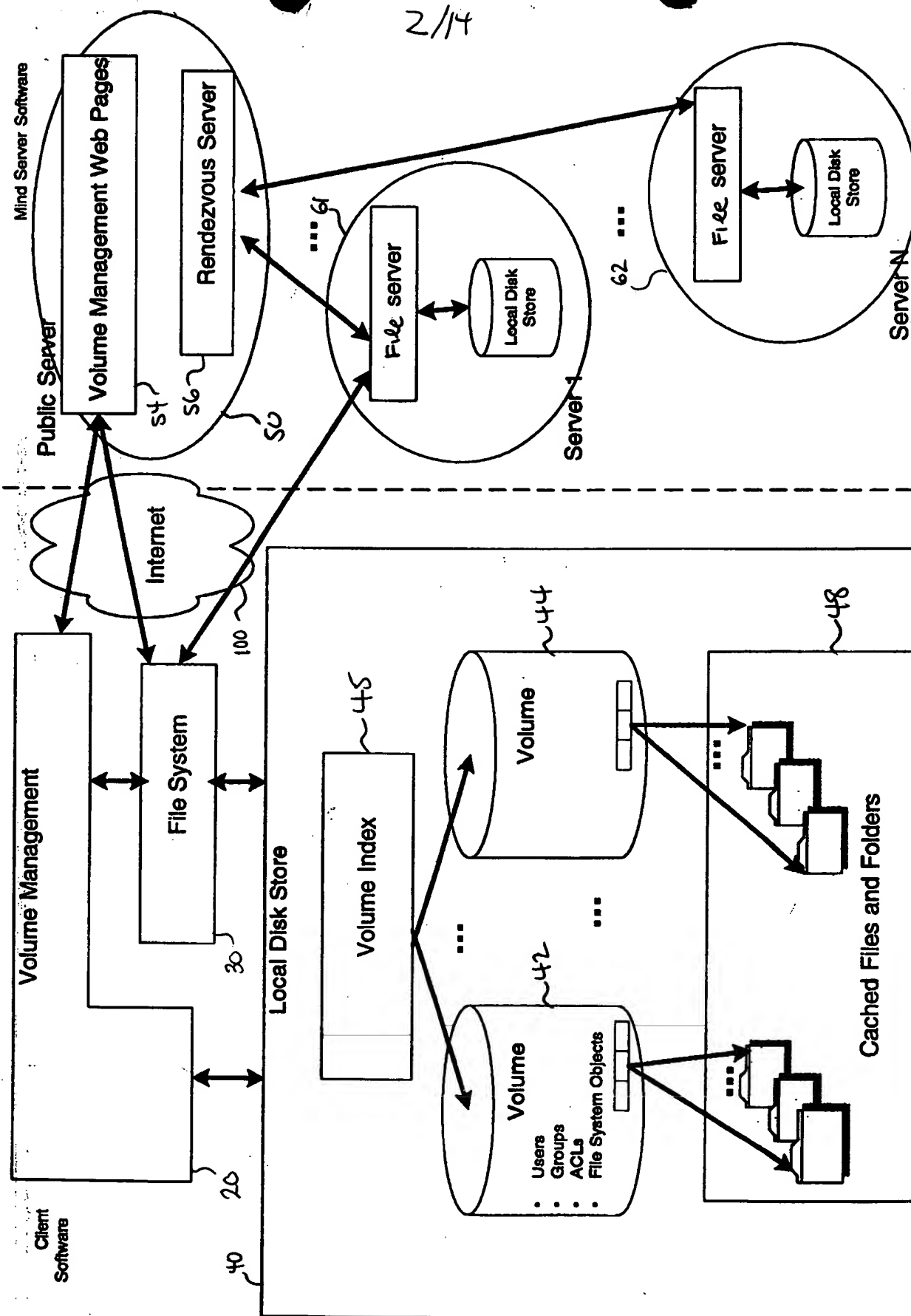


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00704360-10100

2/14



63

00707F"05070260

3/14

1010 1012 1012 1012

1002 1002 1002

Exploring - LetsWork on @V-drive (F:)

1020

F:\

1022 1022

1025

Desktop

- My Computer ~ 1032
- 3 1/2 Floppy (A:) ~ 1032
- (C:) ~ 1032
- (D:)
- Win98 (E:) ~ 1034
- LetsWork on @V-drive (F:)
- (M:)
- Printers
- Control Panel
- DialUp Networking
- Scheduled Tasks
- Web Folders ~ 1032
- My Documents

LetsWork on @V-drive (F:)

Select an item to view its description.

| | | | |
|--------------|--------|-------------|----------|
| Conflict Bin | ~ 1044 | File Folder | 10/26/99 |
| Rollout.xls | ~ 1042 | GIF Image | 10/26/99 |
| Plane.txt | ~ 1042 | Microsof... | 10/26/99 |
| subway.txt | ~ 1042 | Text Do... | 10/26/99 |
| | | Text Do... | 10/26/99 |

1000

1030

1040

FIG-4

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Invite Process

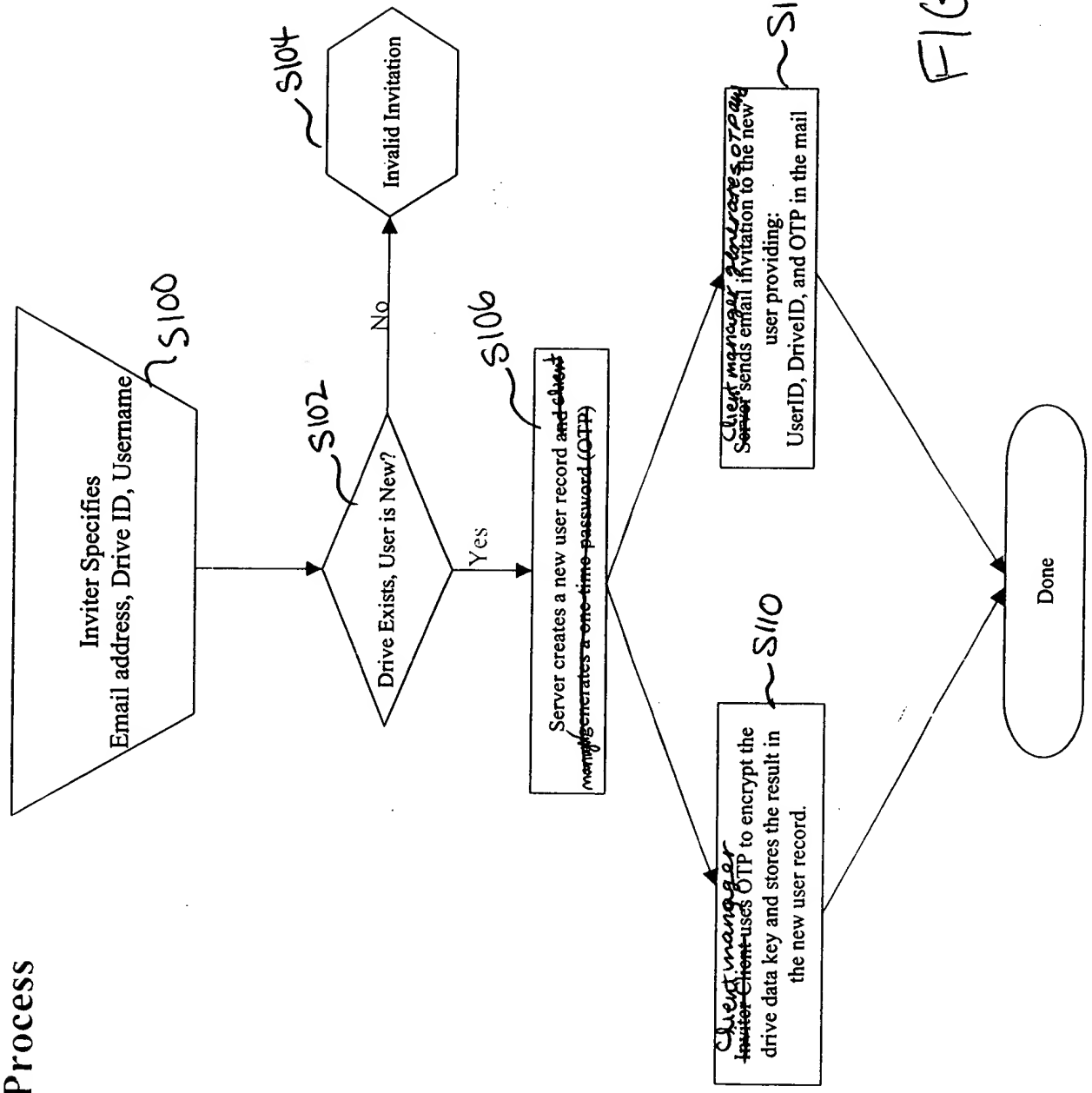
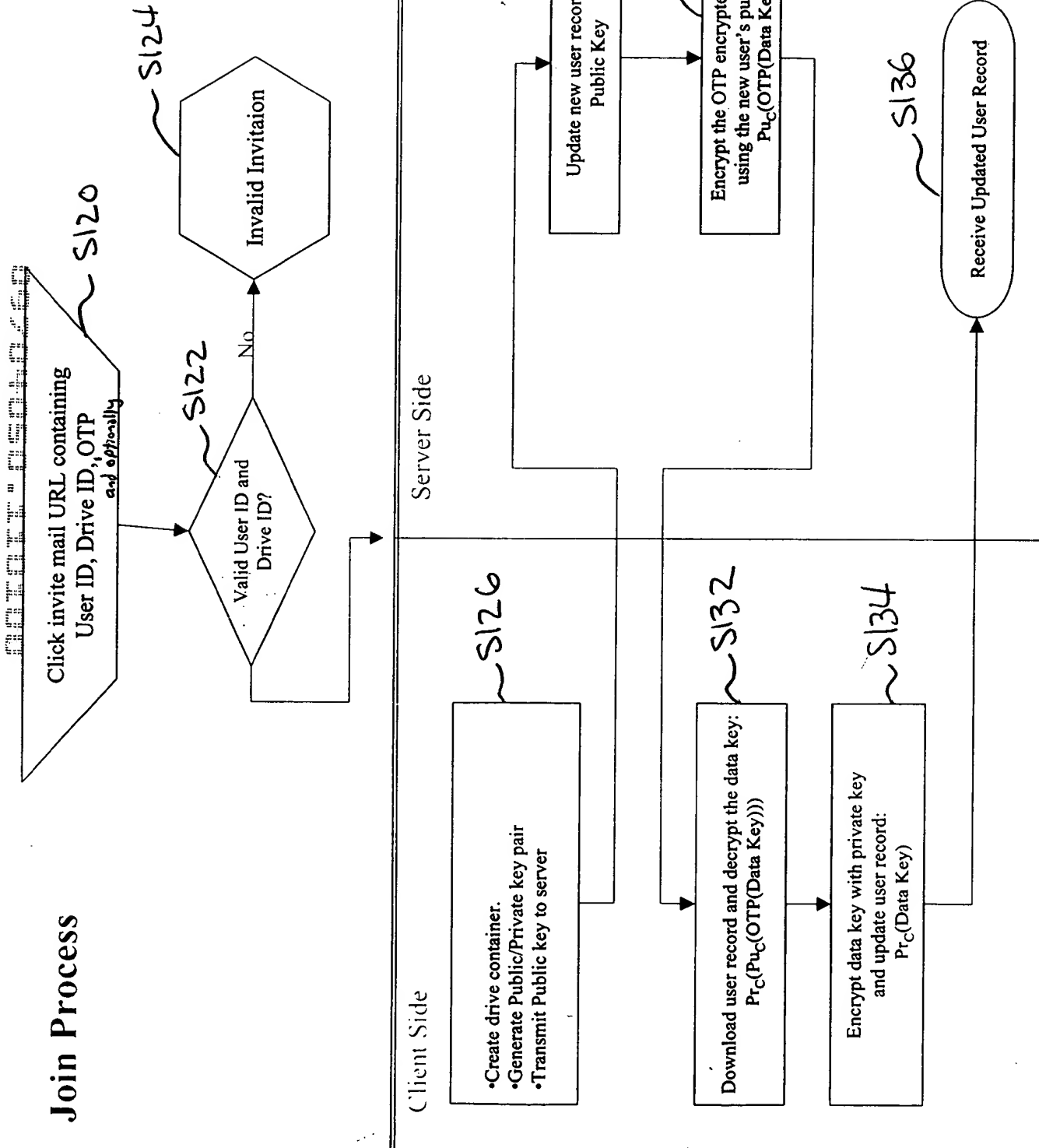


FIG 5

Join Process

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FIG 6A



2Phase Join Process

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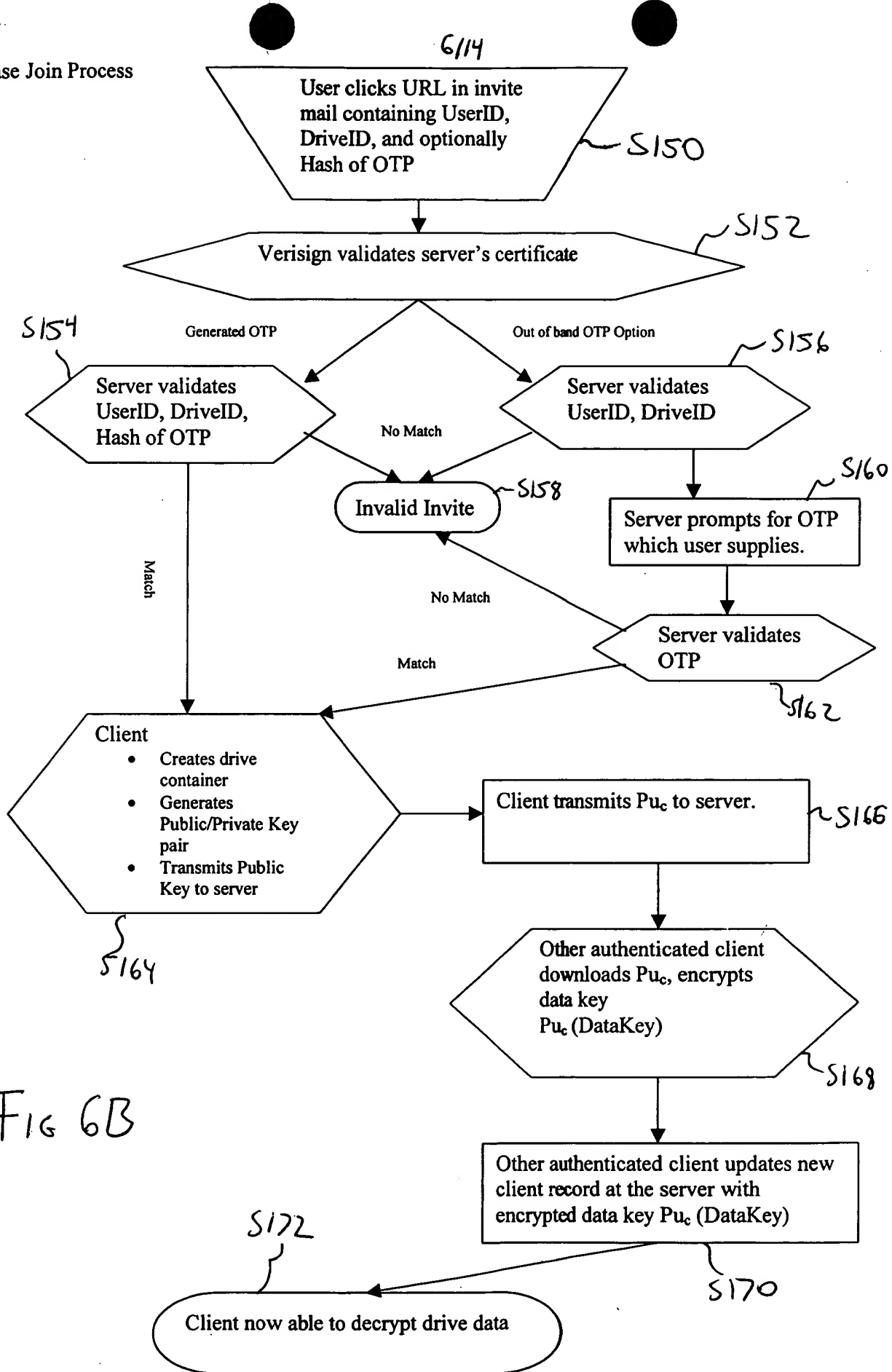
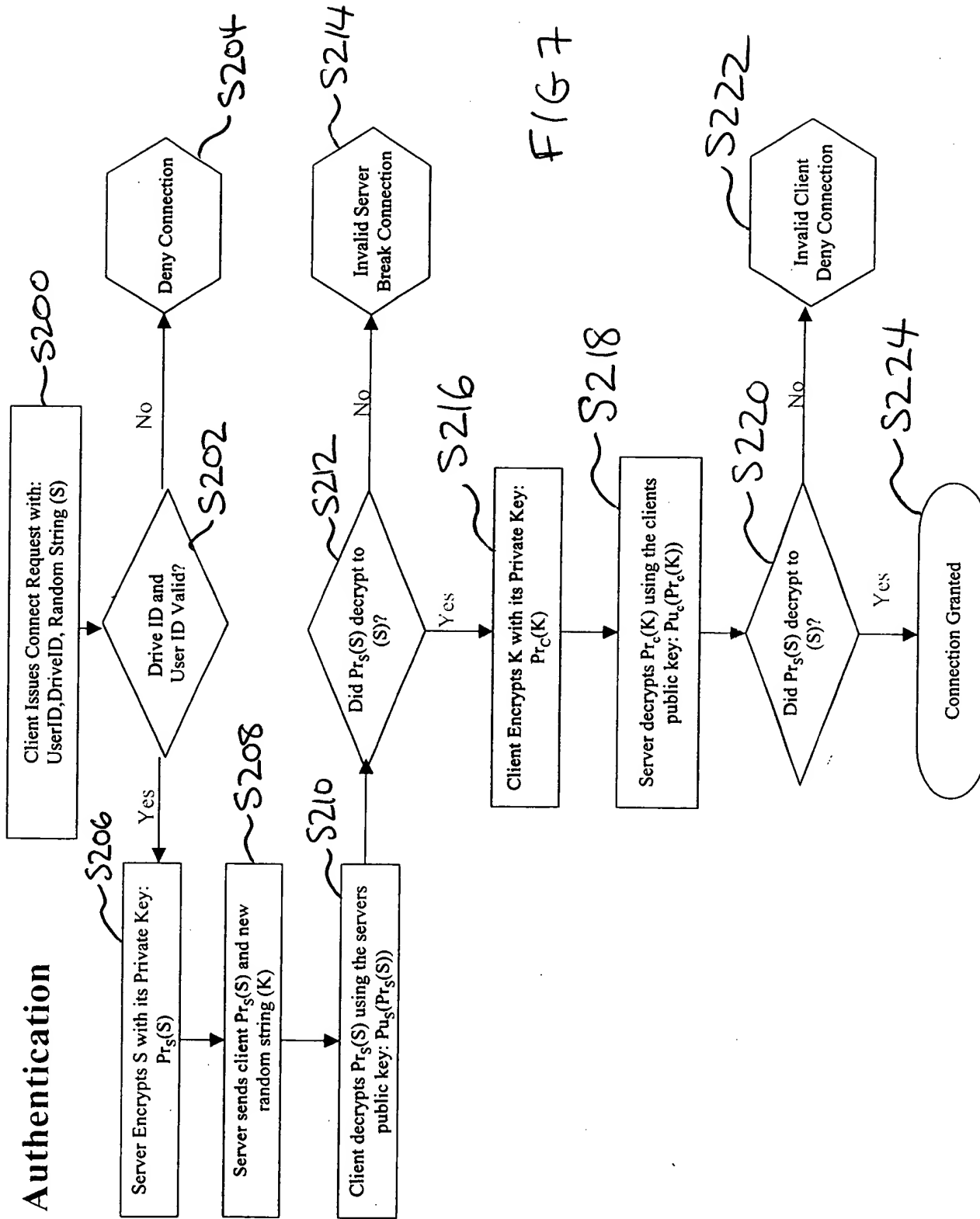


FIG 6B

Authentication



File Upload Process

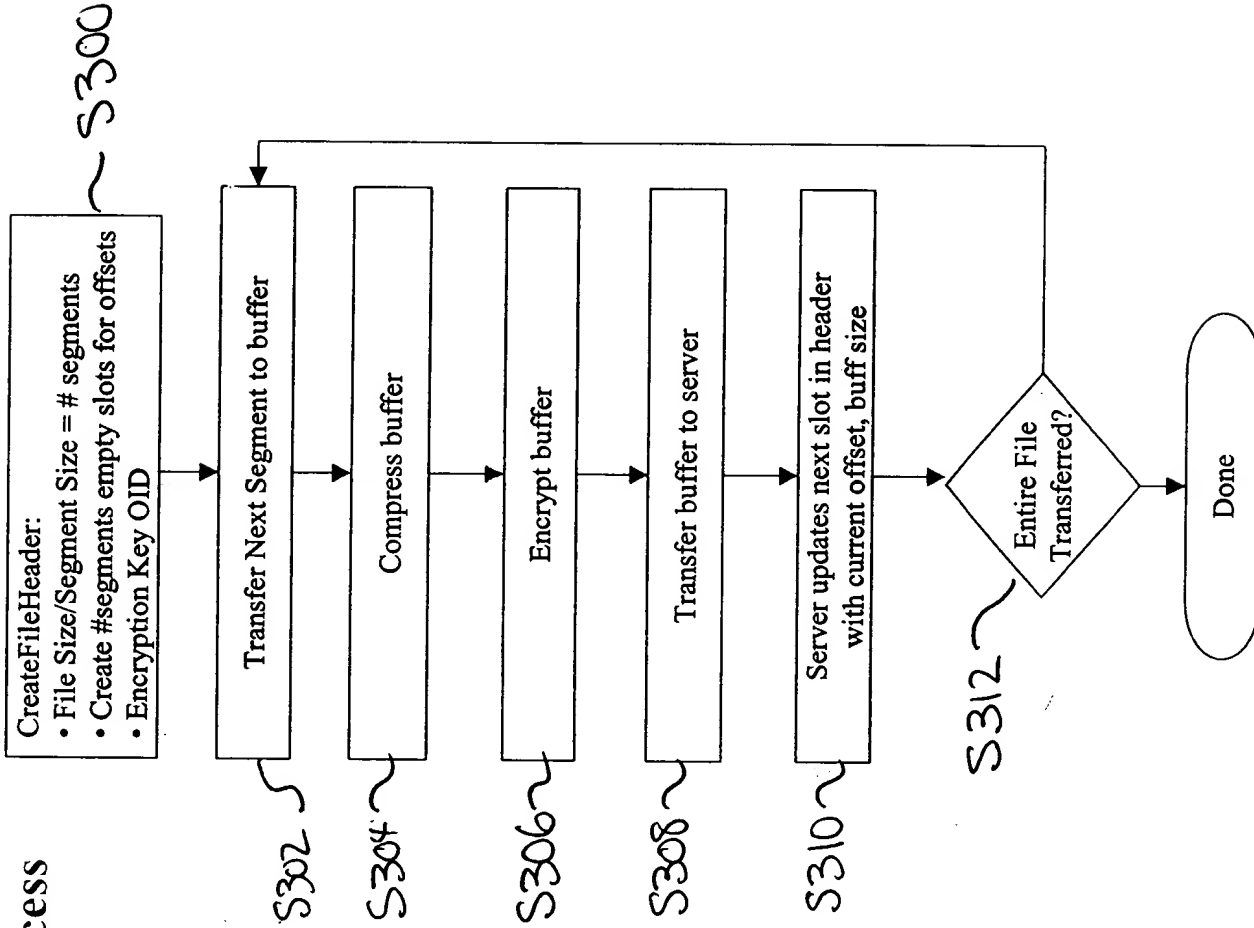
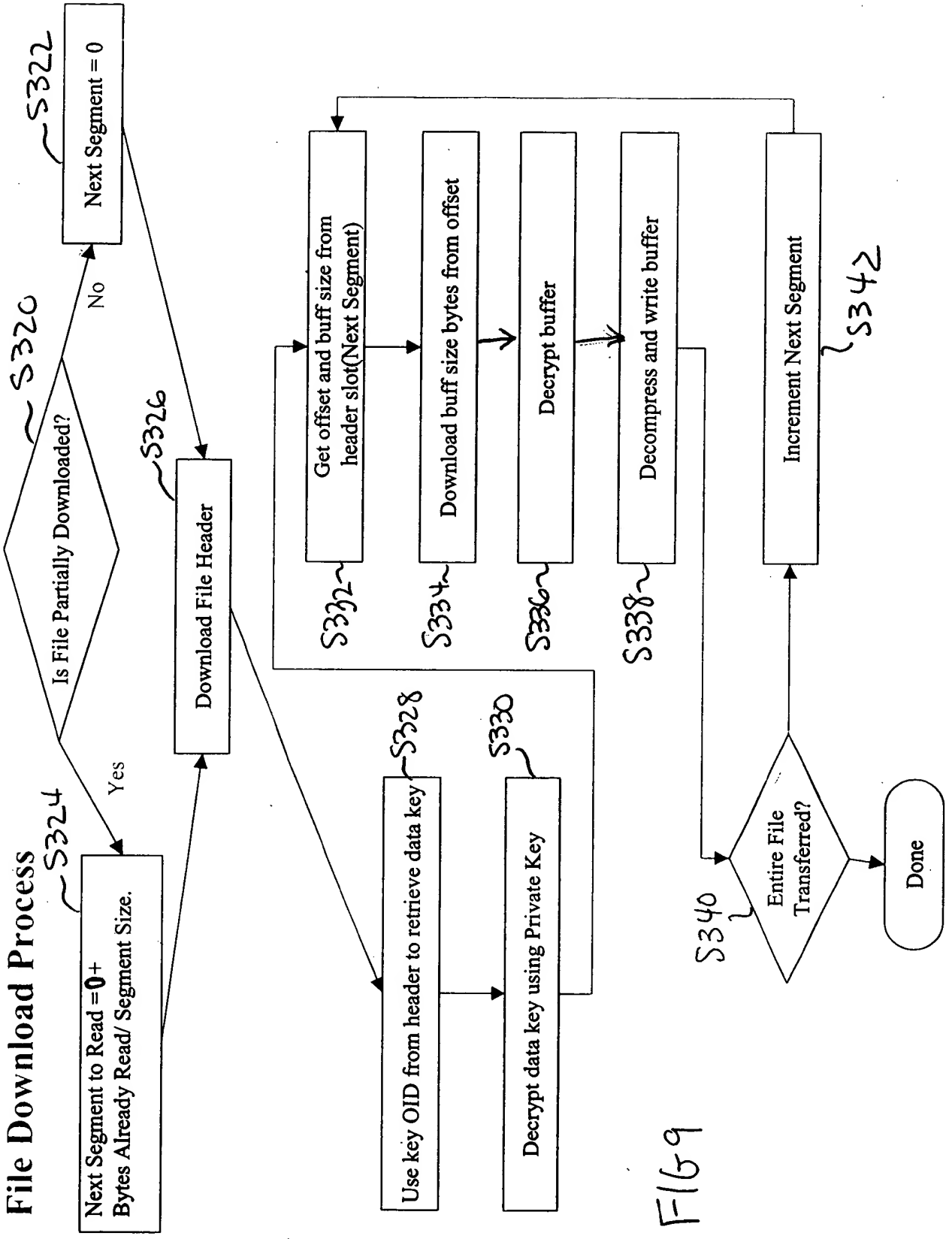


FIG 8

CONFIDENTIAL

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File Download Process



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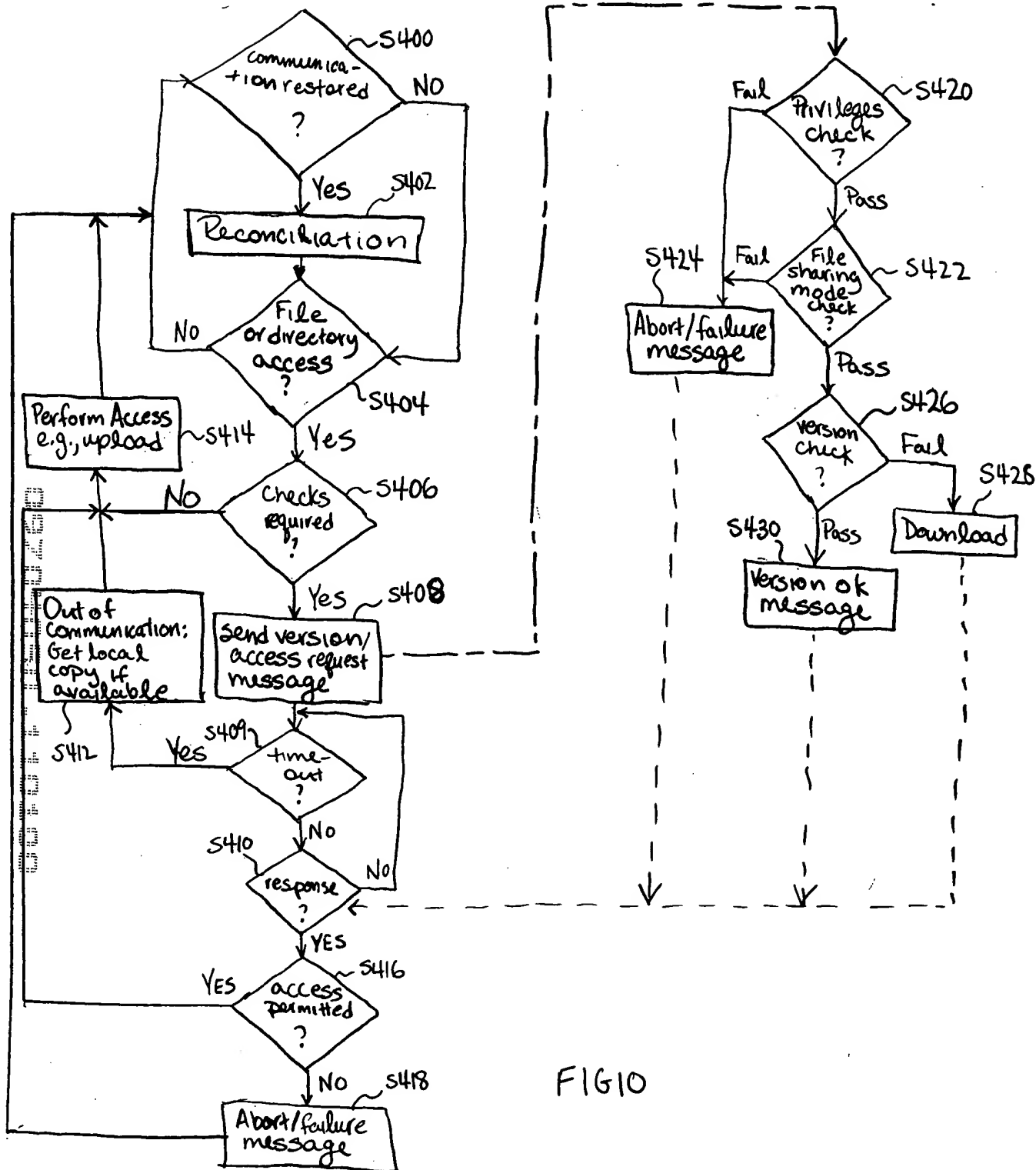


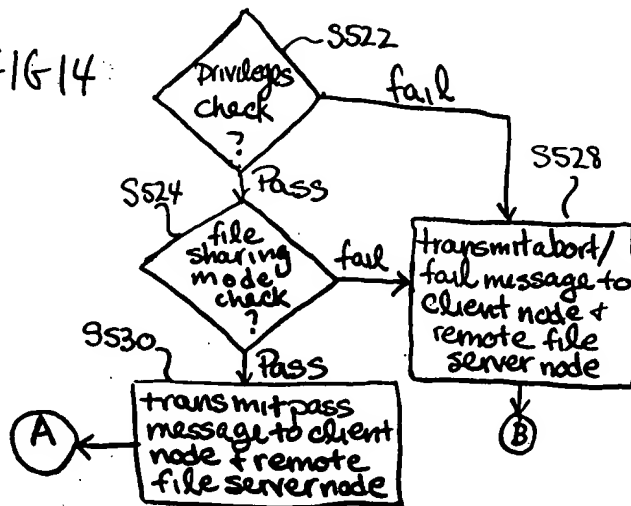
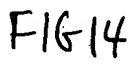
FIG 10

FIG 11

| | | C1 ₇ | C2 ₇ | C3 ₇ | C4 ₇ | C5 ₇ |
|-----|--------------------------|-------------------------------|--|--|--|--|
| | | File unchanged | File changed | File renamed or moved | File deleted | File's directory deleted |
| R1- | File unchanged | No action | Invalidate local file | Rename or move locally cached file | Delete locally cached file | Delete locally cached file |
| R2- | File changed | Upload client file | Move client file to the Conflict Bin & invalidate local file | Move client file to the Conflict Bin & upload it | Move client file to the Conflict Bin & upload it | Move client file to the Conflict Bin & upload it |
| R3- | File renamed or moved | Rename or move file at server | Move server file to the Conflict Bin | Put warning in Conflict Bin (unless identical rename/move) | Move file to the Conflict Bin & upload file | Move client file to the Conflict Bin & upload it |
| R4- | File deleted | Delete file at server | Move server file to the Conflict Bin | Ignore delete; put warning in Conflict Bin | No action | No action |
| R5- | File's directory deleted | Delete file at server | Move server file to the Conflict Bin | Move server file to the Conflict Bin & download it | No action | No action |

FIG 12

| FIG 12 | | C1' | C2' | C3' | C4' | C5' |
|--------|-------------------------------|------------------------------------|--|--|--|---|
| | | Directory unchanged | Directory attribute changed | Added child file or directory | Directory renamed or moved | Directory deleted |
| R1' | Directory unchanged | No action | Download changed attribute | Download new dir entry | Rename or move locally cached directory | Delete locally cached directory |
| R2' | Directory attribute changed | Upload changed attribute | Put warning in Conflict Bin and keep server attribute or later timestamp | Download new dir entry | Rename or move locally cached directory; upload change | Delete locally cached directory |
| R3' | Added child file or directory | Upload new dir entry | If compatible, upload dir entry & download attr change. Else move new local entry to Conflict Bin. | If compatible, upload & download dir entry changes. Else move new local entry to Conflict Bin. | Rename or move local directory; upload new dir entry | Move new file/dir to Conflict Bin; delete local directory |
| R4' | Directory renamed or moved | Rename or move directory at server | Rename or move server directory; download attr change | Rename or move directory at server; download new dir entry | Put warning in Conflict Bin (unless identical rename/move) | Put warning in Conflict Bin & upload directory |
| R5' | Directory deleted | Delete directory at server | Delete directory at server | Move new file/dir to Conflict Bin; delete dir at server | Put warning in Conflict Bin & download directory | No Action |

[illegible]

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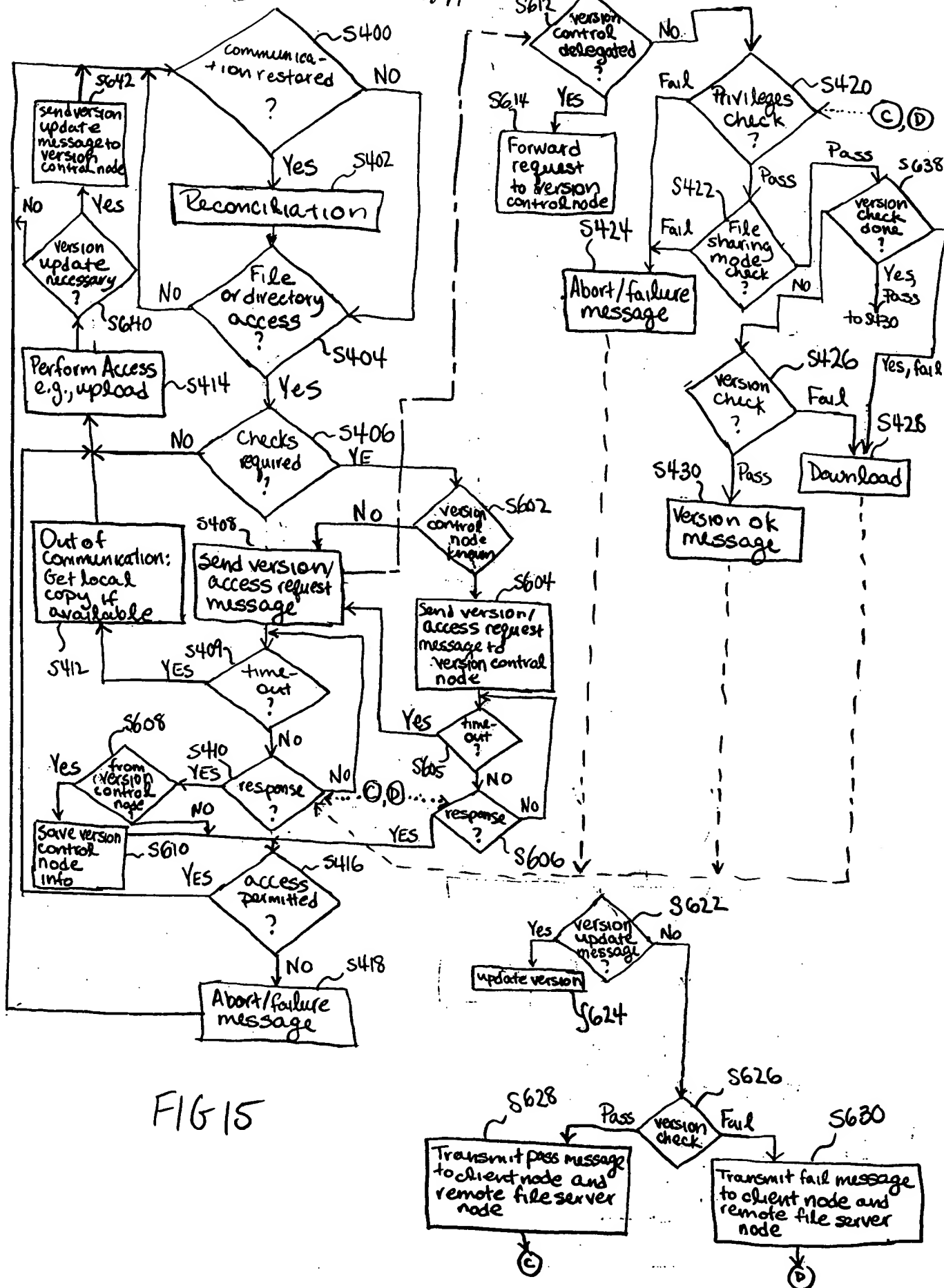


FIG 15